

12-5 95

EFFICACY REVIEW

DATE: IN 8- 1-95 OUT 12- 5-95

FILE OR REG. NO. 37425-GO

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED July 29, 1995

DATE OF SUBMISSION July 27, 1995

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 431305-02 & -06; D217869; S491155; Case #
040783; AC:166

PRODUCT MGR. NO. 13-LaRocca/Heyward

PRODUCT NAME(S) Durasect Long-acting Livestock Pour-On

COMPANY NAME SmithKline Beecham Animal Health

SUBMISSION PURPOSE Provide references to performance data in sup-
port of label amendments relative to duration of
control of susceptible horn flies on cattle.

CHEMICAL & FORMULATION Permethrin [(3)-phenoxyphenyl)methyl(+)-cis,
trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate]*
* cis/trans ratio: 1.0%
Maximum 35% (+) cis, (8.1 lbs./gal. ready-to-use pourable liquid)
minimum 65% (+) trans

CONCLUSIONS & RECOMMENDATIONS The referenced data in EPA Accession
(MRID) Numbers 431305-02 and 431305-06, having been obtained from
standard field testing conducted according to § 95-8(a)(1)-(4) &
(5)(viii) on pp. 255-6 and § 95-8(a)(7) & (8) on p. 258 and meeting
the standard of § 95-8(b)(1)(ii)(B) on p. 259 of the Product Per-
formance Guidelines, and having been judged adequate to support the
claim for horn fly control on cattle in our previous review, are
also adequate to demonstrate control of susceptible horn flies for
up to 11 weeks in Texas and 10 weeks in Maryland, respectively, and
to support the proposed label amendment for controlling susceptible
horn flies for up to 11 weeks. Based on previous acceptance of the
label amendment withdrawing withholding restrictions for milk or
pre-slaughter withdrawal requirements for EPA Reg. No. 39039-7, "Y-
Tex® Brute™ Pour-on for Cattle", this amendment is also acceptable
for the subject product on the basis of equivalent rates of actual
permethrin per hundredweight, namely 143.5 milligrams a.i. per cwt.

NAC Vern L. McFarland, IRB

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